



# MATERIAL SAFETY DATA SHEET

**IMPORTANT INFORMATION  
PLEASE READ CAREFULLY**

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**Bream GH, Rat GH, Salmon/Trout GH**

**Product Codes: GHAU020, GHAU100, GHBU020, GHBU100,  
GHCU020, GHCU100**

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## **SECTION 1 - HAZARDOUS INGREDIENTS**

We are not aware of any hazardous ingredients to humans in the above products.

## **SECTION 2 - PHYSICAL DATA**

Boiling Point: Not Applicable  
Vapour Pressure: Not Applicable  
Vapour Density: Not Applicable  
Water Solubility: Soluble  
Specific Gravity: Not Applicable  
Melting Point: Not Applicable  
Evaporation Rate: Not Applicable  
Appearance and Odour: White, odourless powder.

## **SECTION 3 - HEALTH HAZARD DATA**

The toxicological properties have not been thoroughly investigated.

### *Acute Effects:*

Due to their high molecular weight, these products are not readily absorbed via routes other than injection. However, long-term exposure to lyophilised preparations or aerosols from liquid solutions may result in low levels of absorption via the skin or nasal passages. These products are not physiologically active in humans.

### *First Aid:*

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

In case of skin contact, wash with soap and flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes and call a physician.

If inhaled, remove to fresh air. If breathing becomes difficult, call a physician. Inhalation of lyophilised powder may result in minor nasal irritation.

In case of contact with eyes, flush with copious amounts of water or normal saline for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

## **SECTION 4 - FIRE AND EXPLOSION**

Flash Point: Not Known

Flammable Limits: Not Known

Extinguishing Media: Water Spray, Dry Chemical, CO<sub>2</sub>, Foam.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## **SECTION 5 - REACTIVITY DATA**

Stability: Stable

Hazardous Combustion or Decomposition Products: Toxic fumes of Carbon Monoxide and Carbon Dioxide, Nitrogen Oxides, Sulphur Oxides.

Hazardous Polymerization: Will not occur.

## **SECTION 6 - SPILL OR LEAK PROCEDURES**

Spill or Leak Procedures: Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

Sweep up, place in a bag for waste disposal.

Avoid raising dust.

Ventilate area and wash spill site after material pick-up is complete.

Waste Disposal Method: Dissolve and mix the material with combustible solvent and burn in a chemical incinerator equipped with afterburner and scrubber. Observe all federal, state, and local laws.

## **SECTION 7 - SPECIAL PROTECTION INFORMATION**

Wear appropriate NIOSH-MSHA-approved respirator, chemical resistant gloves, safety goggles, other protective clothing.

## **SECTION 8 - SPECIAL PRECAUTIONS**

Caution: The chemical, physical and toxicological properties of these products have not been thoroughly investigated. Exercise due care.

Products should be handled aseptically and stored in sterile conditions to avoid bacterial contamination. Store in a cool dry place (2 – 4° C).

**This material is for research purposes only and is not for use in humans.**

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. *GroPep* Limited will not be liable for any damages resulting from handling, contact with or inappropriate use of the above product. All materials and mixtures may present unknown hazards and should be used with caution.